



CofC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent No.: 6,748,151

Issued: June 8, 2004

Inventor: WATANABE et al

REQUEST FOR CERTIFICATE OF CORRECTION

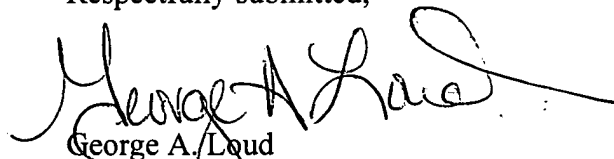
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
JUL 26 2004  
of Correction

Sir:

The undersigned requests that a Certificate of Correction be issued for the above-identified patent in accordance with the attached PTO Form 1050. The errors noted occurred in printing and, accordingly, no fee is required. Please note that claims 23, 24 and 25 were allowed as claims 10, 11 and 12, respectively. See the second (corrected) Notice of Allowance mailed March 22, 2004.

Respectfully submitted,

  
George A. Loud  
Reg. No. 25,814

Dated: July 22, 2004

LORUSSO, LOUD & KELLY  
3137 Mount Vernon Avenue  
Alexandria, VA 22305

(703) 739-9393

27 JUL 2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,748,151  
DATED : June 8, 2004  
INVENTOR(S) : WATANABE et al

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 3

Line 11, begin new paragraph after "(1550 nm+-50 nm)." and before "In still".

Column 6

Line 46, delete "a" in "attenuation a becomes" and replace with  $-\alpha-$

Claim 7, Column 10

Line 29, "signals" should read "signal".

Please insert the following as claims 10, 11 and 12:

— 23. An optical attenuator in the form of a single mode optical fiber for receiving optical signals having wavelengths within a predetermined range of wavelengths, attenuating a received optical signal and outputting the attenuated optical signal, said optical attenuator comprising a core containing a dopant which attenuates the received optical signal more when its wavelength is shorter within the predetermined range of wavelengths, said dopant being contained only in a dopant area limited to a centermost portion of said core, said core comprising said centermost portion and a peripheral portion contiguous with said centermost portion and free of dopant, said core having a refractive index at said centermost portion greater than that of said peripheral portion, said optical fiber having a mode field for single mode transmission of the optical signal inclusive of said centermost and peripheral portions of said core.

24. The optical attenuator as claimed in claim 23, wherein the refractive index has a profile selected from the group consisting of a graded-index type, parabolic shapes, triangular wave shapes, square wave shapes and trapezoidal wave shapes.

25. The optical attenuator as claimed in claim 23, further comprising cladding on and surrounding said core, said cladding not containing dopant. —

MAILING ADDRESS OF SENDER:

PATENT NO. 6,748,151

**LORUSSO, LOUD & KELLY**  
3137 Mount Vernon Avenue  
Alexandria, Virginia 22305  
usa